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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Koichi TERUNUMA

Group Art Unit: 2652

Application No.: 10/667,349

Filed: September 23, 2003

Docket No.: 117264

For: MAGNETORESISTIVE EFFECTIVE ELEMENT, THIN FILM MANAGEMENT HEAD,  
MAGNETIC HEAD DEVICE AND MAGNETIC RECORDING/REPRODUCING  
DEVICE

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection, Notice of Allowance, or other action that closes prosecution (e.g., Quayle Action), but before payment of the Issue Fee. Attached is our Check No. 167443 in the amount of \$180.00 in payment of the fee under 37 CFR §1.17(p). Please credit or debit Deposit Account No. 15-0461 as needed to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached.
- ☒ a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.  
37 CFR §1.97(e)(1).
- ☒ 1. English language Abstracts of the non-English language references 1-2 are attached hereto.

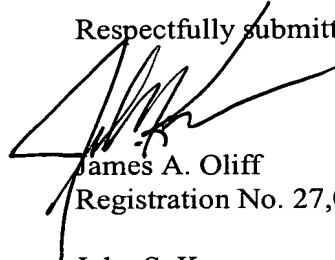
06/09/2005 SZEWDIE1 00000067 10667349

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- ☒ 2. A computer-generated English language translation of the following Japanese Patent Publication has been obtained from the website of the Japanese Patent Office ([<http://www.jpo.go.jp>]), and is attached, but has not been reviewed for accuracy. See References 1-2.

Respectfully submitted,



James A. Oliff

Registration No. 27,075

John S. Kern

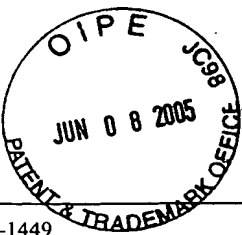
Registration No. 42,719

JAO:JSK/kap

Date: June 8, 2005

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<p>DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461</p>
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Sheet 1 of 1

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 117264		APPLICATION NO. 10/667,349	
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANT Koichi TERUNUMA			
				FILING DATE September 23, 2003		GROUP 2652	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
	1	JP 2001-229515 A w/abstr & transl	08/24/2001	JAPAN			
	2	JP 10-312513 A w/abstr & transl	11/24/1998	JAPAN			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER					DATE CONSIDERED		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: June 8, 2005